

Apple //c External Disk:

The disk port is a D8-19 connector with all the signals that are available on drive two of an Apple //e disk controller card. This disk will accessed as slot 6 drive 2.

Pinout //c	SIGNAL	Pinout Apple //e (controller card)
D8-19	NAME	20 pin header
1	GND	1
2	GND	3
3	GND	5
4	GND	7
5	-12V	9
6	+5V	11
7	+12V	13
8	+12V	15
9	EXTINT*	
10	WRPROT	20
11	PHASE0	2
12	PHASE1	4
13	PHASE2	6
14	PHASE3	8
15	WRREQ	10
16	nc	
17	ENBL2	14
18	RDDATA	16
19	WRDATA	18
	nc	17 (+12V)
	nc	19 (+12V)
	nc	12 (+5V)

The //c disk cannot be used from an Apple //e disk controller card with a simple ribbon cable (20-pin insulation displacement (i.d.) header to i.d. D8-19), since pins 9 and 16 of the DB-19 should not be connected and pin 19 should connect to pin 20 of the card.

The Apple //e drive can not be used on a //c unless the D8-19 pin 10 is connected to pin 20 of the disk and D8-19 pin 9 is not connected (disk pin 19 should also be left unconnected).

3.7.3-8-85

1.43 DISK FLOPPY DISK

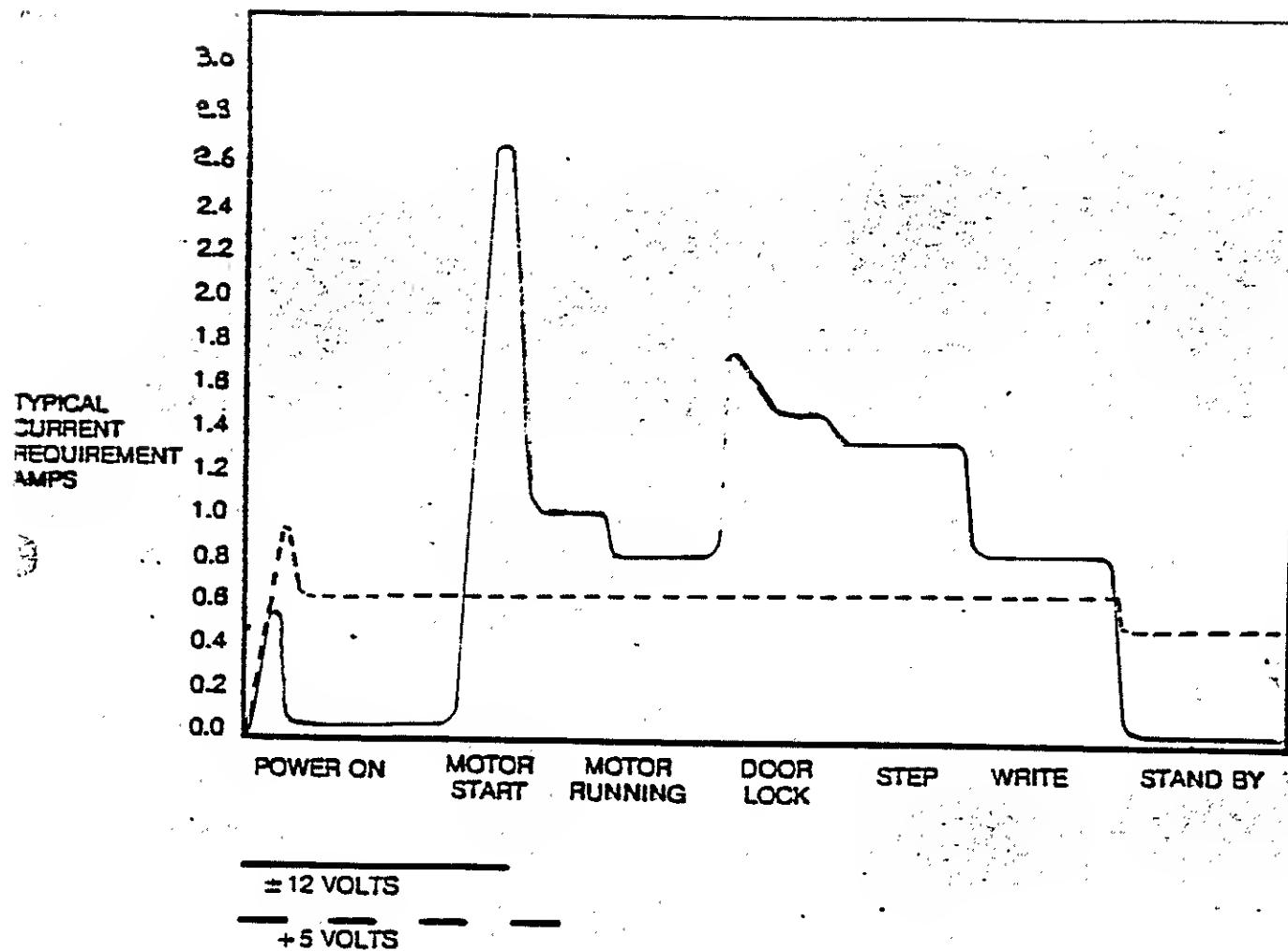
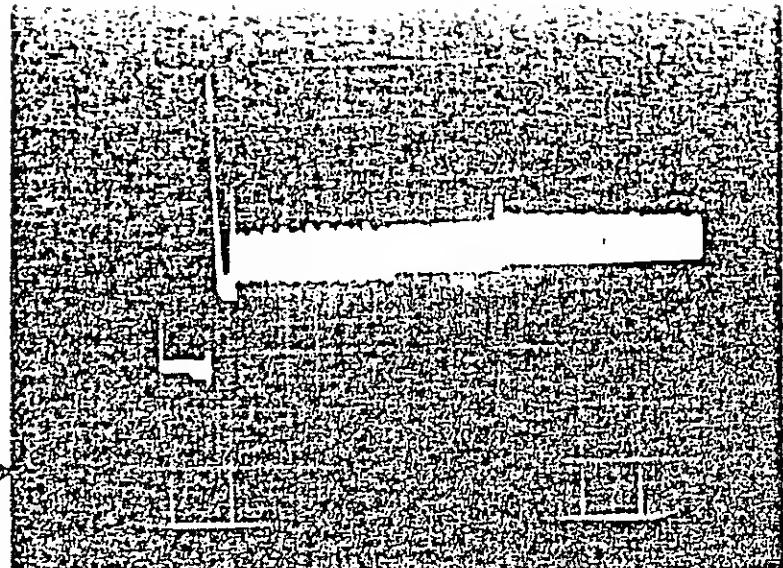


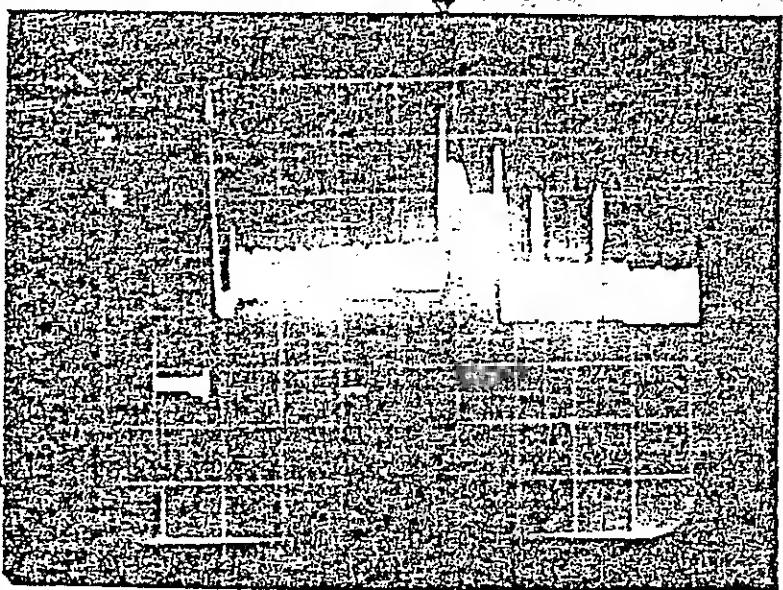
TABLE 1. DC POWER REQUIREMENTS

GRO →



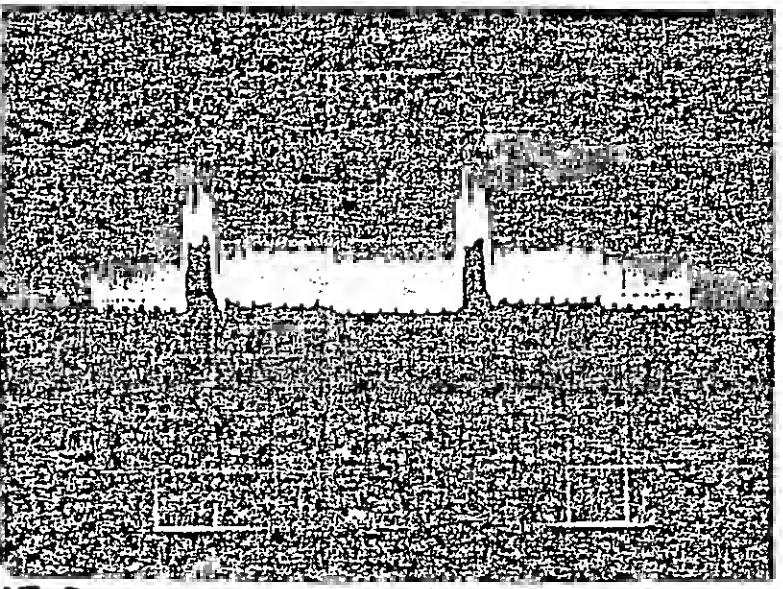
POWER ON/MOTOR START .5A/.5S/DIN 12V

→

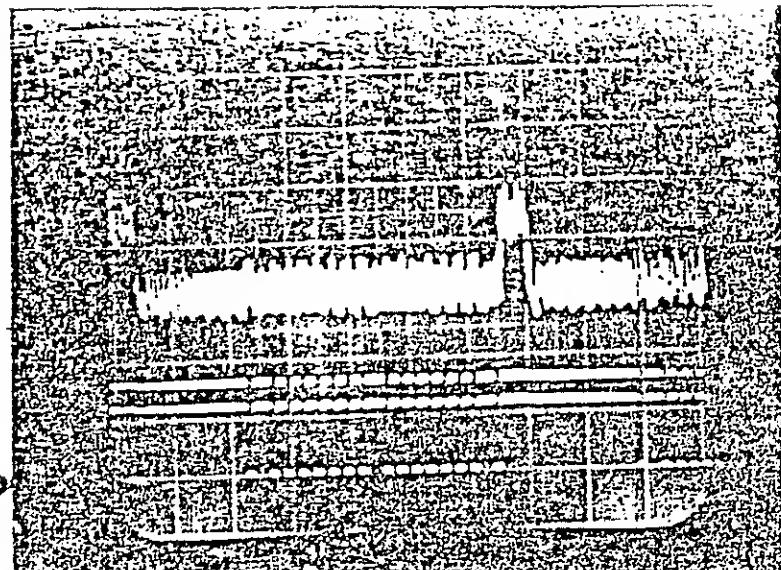


DOOR LOCK .5A/.5S/DIN 12V

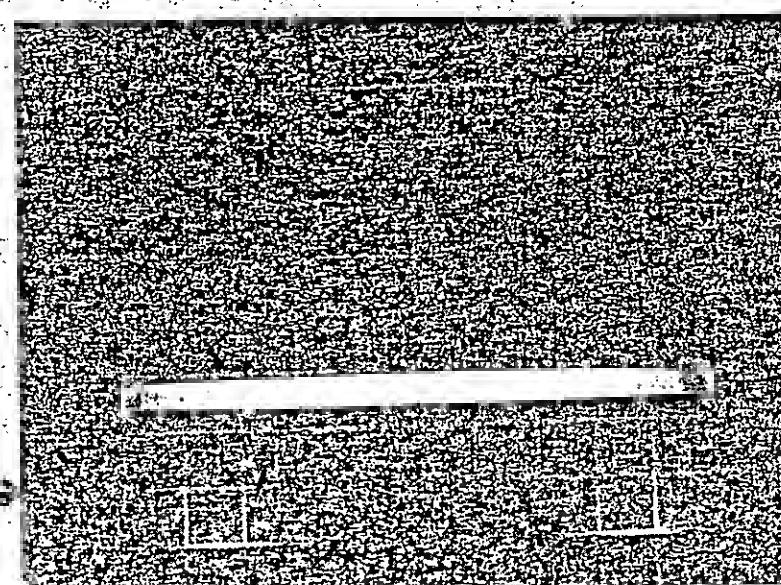
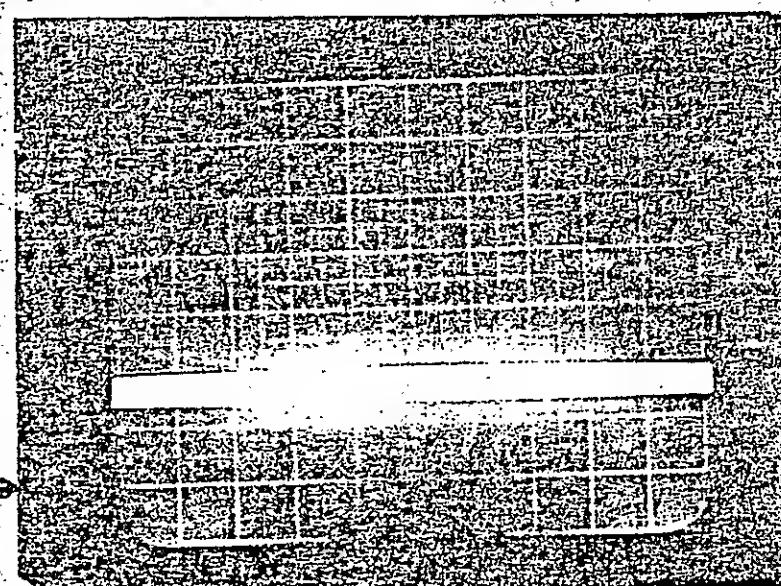
→

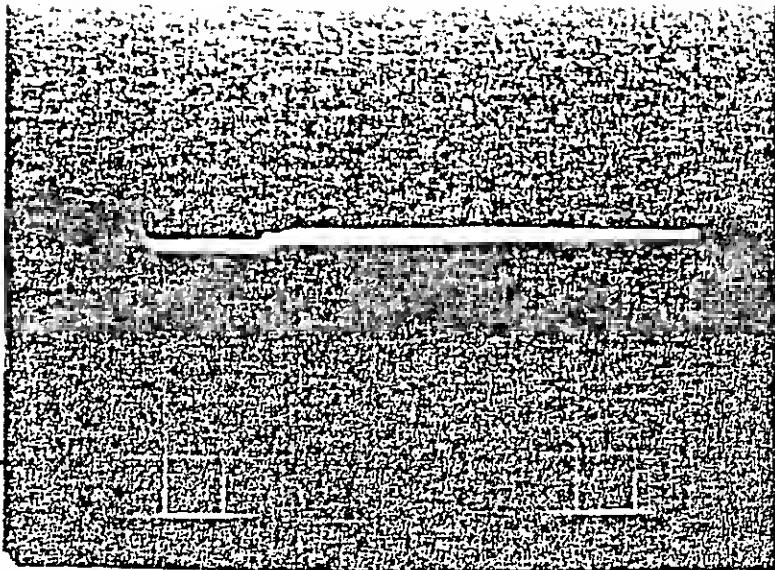


STEP .5A/.1S/DIN 12V



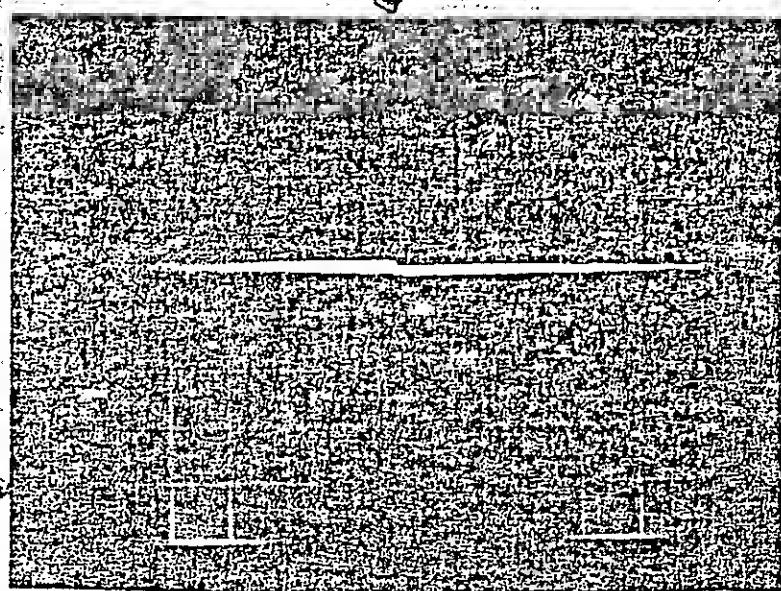
WRITE .5A/1.5A DIV 12V





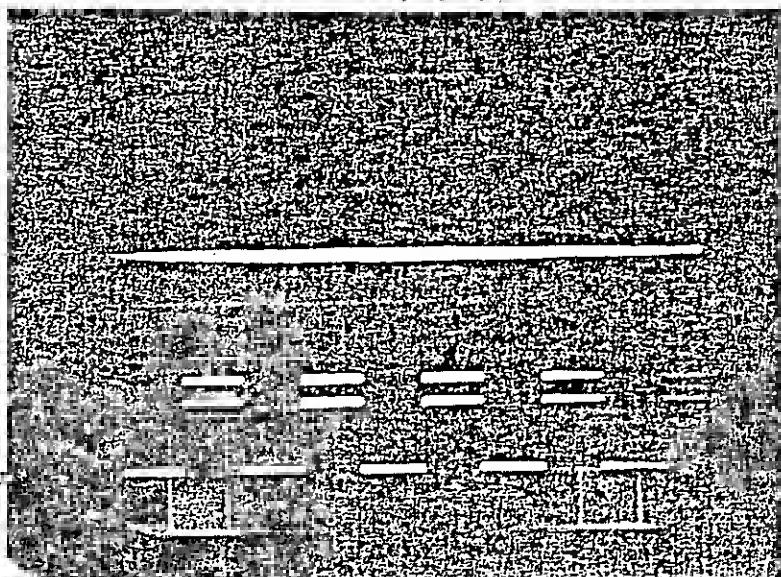
POWER ON 1A1.2S1DIV

5V



DOOR LOCK 1A1DIV

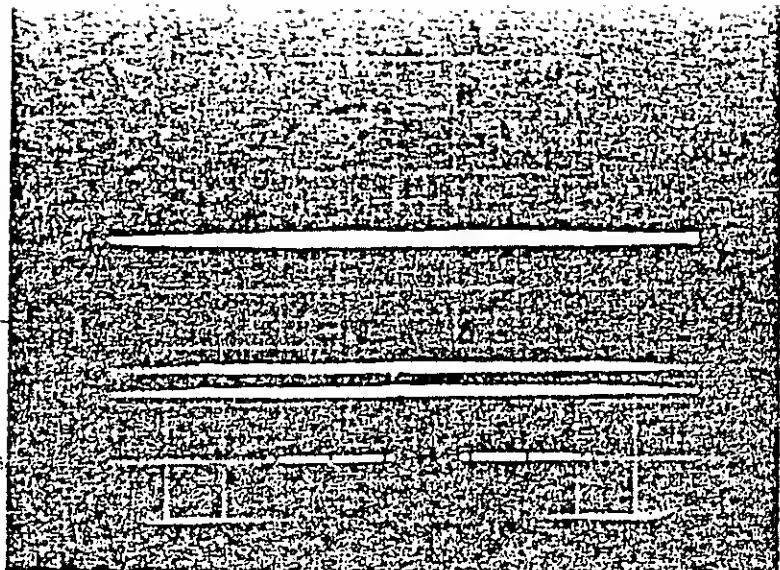
5V



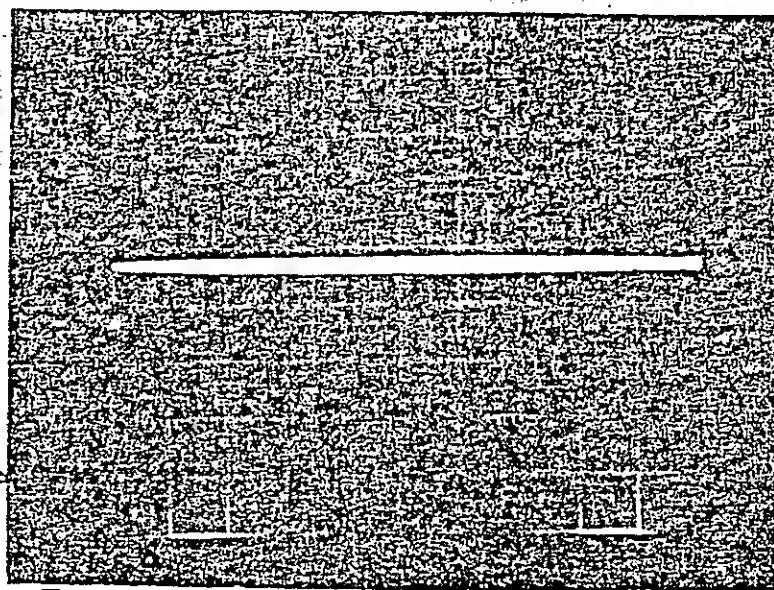
STEP

1A1DIV

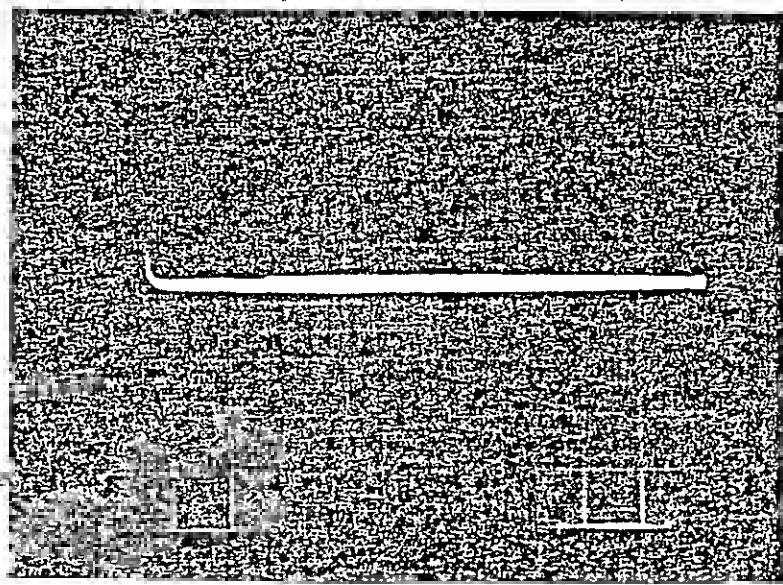
5V



WRITE RAID 1.251DN 5V

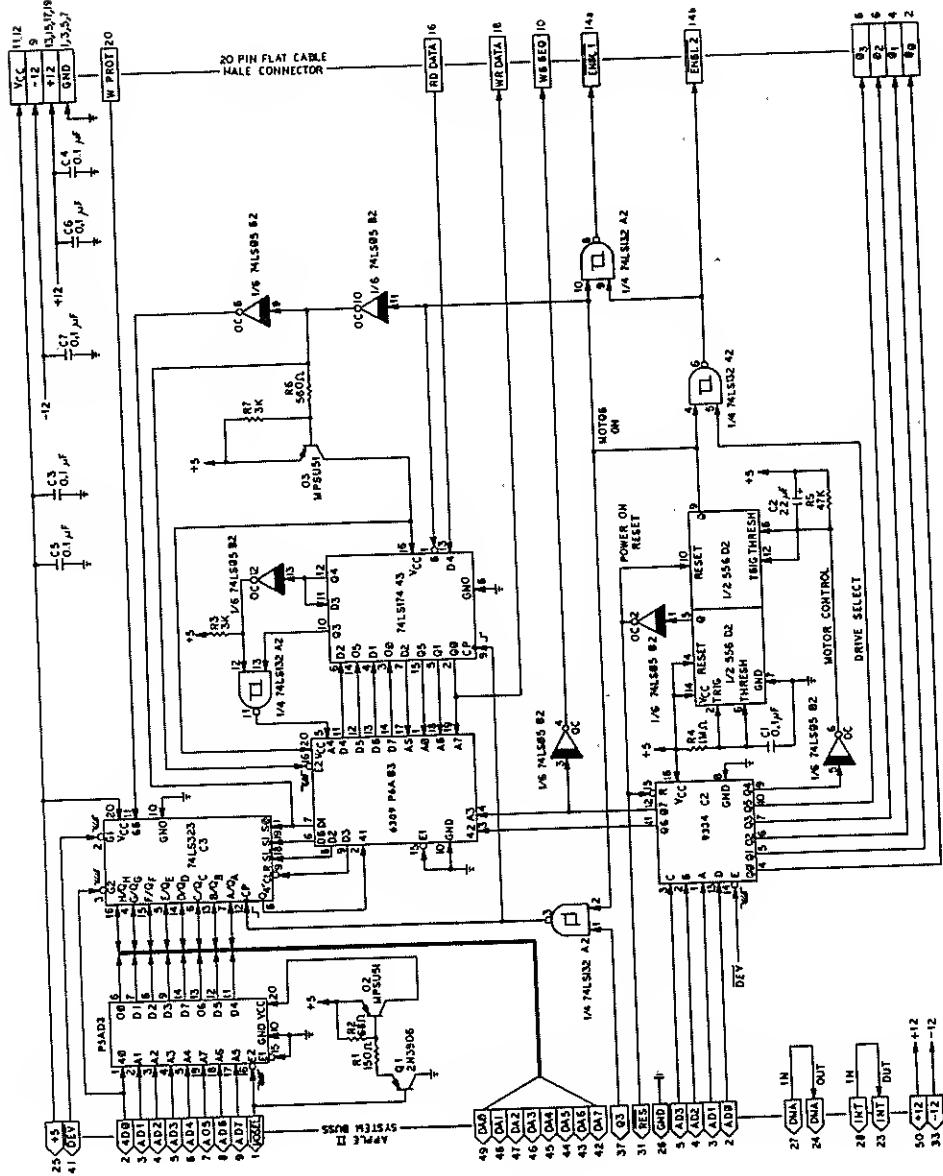


STANDBY RAIDIN 5V



Power on w/o DISK DRIVE RAIDIN 5V

CIRCUIT SCHEMATIC: DISK II INTERFACE



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